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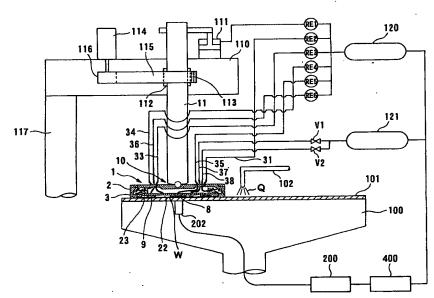
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(54) Title: SUBSTRATE POLISHING APPARATUS AND SUBSTRATE POLISHING METHOD



(57) Abstract: The present invention relates to a substrate polishing apparatus and a substrate polishing method for polishing a substrate such as a semiconductor wafer to a flat finish. The substrate polishing apparatus includes a polishing table (100) having a polishing surface (101), a substrate holder (1) for holding and pressing a substrate (W) against the polishing surface (101) of the polishing table (100), and a film thickness measuring device (200) for measuring a thickness of a film on the substrate (W). The substrate holder (1) has a plurality of pressure adjustable chambers (22 to 25), and pressures in the respective chambers (22 to 25) are adjusted based on the film thickness measured by the film thickness measuring device (200).

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